

ANDREW ABRAMO

Petaluma, CA

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Summary

Data engineer with a background in biology. Trained at University of California Berkeley coding boot camp and earned a certificate in data analytics. Innovative problem-solver passionate about data integration solutions; focused on web scraping, ETL and visualization. Strengths in both independent and team based work with a focus in project coordination.

Technical Skills

Tools: Excel, VBA, Python, Pandas, Matplotlib, API, JSON, SQL, ETL, SQLAlchemy, Web Scraping, Javascript, Plotly, D3, Leaflet.js, GeoJSON, Tableau, R, Big Data, AWS, Hadoop, Pyspark Unsupervised Machine Learning, Supervised Machine Learning, Neural Networks, HTML5, CSS3, Git, Bootstrap

Projects

Cancer Analysis Across US Counties |

https://github.com/drewabramo12/Cancer_Analysis_US_Counties

- Group project to determine if there was a relationship between Medically Underserved Counties of the US and Cancer Mortality/Incidence rates
- *Developed the web scraping script for the project to also generate metadata for the data collected.*
- *Python, Pandas, Browser, Selenium, BS4, Time, Webdriver_manager.chrome*
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Experience

Operations Associate 1

BioMarin

Oversee and manage 6 separate databases collecting utilization data for lab based equipment.

Key Accomplishments:

- *Integrated the installation of 320 data utilization sockets*
- *Developed asset tracking system for over 1000 pipettes*
- *Developed organization system and cross departmental plan to archive 20 years worth of research*
- *Maintain onboarding and offboarding of new lab equipment into contract coverage program on a month to month basis*
- *Coordinate and troubleshoot IT issues within lab equipment*

2019 – Current

San Rafael, CA

Education

Boot Camp Certificate: UC Berkeley Extension, Berkeley, CA

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning. *[Program Summary optional]*

Bachelor of Science Biology, emphasis in Human Biology: Boise State University, Boise, ID